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T48 * Product Data Sheet

BSEN61212 EPGC22 T48 Epoxy Glass Tube SRBG

Material Details

Grade:	T48 *
Description:	Epoxy Glass. Similar to T36 - elevated machanicals at temp
Comments:	The tube is offered as an improved epoxy grade with similar properties to T36 but better mechanical properties at elevated temperature making the product suitable for use at Class F (155 °C). Complies with BSEN61212 EPGC22. * Not manufactured by The Attwater Group
Specifications:	BSEN61212 EPGC22The closest NEMA equivalent to this specification is G11
Body Colour:	Pale Green
Finish:	Ground (unless otherwise stated)
Size:	1220mm trimmed (max) Thickness Range: Min ID 9.0mm, Min wall 1.0mm(Ground) 2.0mm(as produced).

General Properties

Property	Unit of measure	Typical Value
Density	g/cm3	1.9
Water Absorption	mg	0.3

¥ Where relevant, the flammability test method is used solely to control and monitor consistency of production. Under no conditions should the results be considered in relation to fire hazards under actual conditions of use.

Electrical Properties

Property	Unit of measure	Typical Value
IR (24hrs Water Immersed)	G Ω	10⁵
Radial Electric Strength	MV/m	10
Axial Breakdown	°	100

Mechanical Properties

Property	Unit of measure	Typical Value
Cohesion	MPa	450
Axial Compressive	MPa	300

Thermal Properties

Property	Unit of measure	Typical Value
Thermal Rating Continuous	°C	155

Disclaimer: The above values are based upon routine test data and do not form the basis of a supply contract. These products may be used in a diverse range of applications and whilst every effort is made to ensure the information in this data sheet is accurate, it must be stressed that it is the user’s responsibility to ensure suitability for the intended end use.

Source: https://www.attwater.com/products/t48/